



INNOVCABLE AIRPORT CABLE FAA L-824 C SHIELDED 5KV



- Conductor: Bare stranded copper.
- Semiconductor layer: Extruded semiconductor layer.
- Insulation: Cross-linked polyethylene (XLPE).
- External semiconductor layer: Helically applied or extruded semiconductor tape.
- Shielding: Shielded in copper tape or tinned copper mesh.
- Outer cover: PVC. PE/XLPE can be offered on request.
- Manufactured in black RAL 9005.
- Nominal voltage: 5.0 KV

Identification

INNOVCABLE __ X AWG 5000V XLPE 90 C FAA-L824, TYPE C SHIELDED

Applicable Specifications

FAA AC 150 / 5345-7E

innovcable



FAA AC150/5345-7F

FAA Specification L-824 C

ICEA S-93-639

NEMA WC74

Applications

Airport lighting cable is constructed for underground use in accordance with the requirements of (FAA) L-824 C for airport lighting circuits FAA AC 150 / 5345-7E, FAA AC150/5345-7F . Airport cable is available from #8 AWG to #4 AWG. Class B bare annealed copper conductors, insulated with XLPE or EPR/B cross-linked polyethylene resistant to abrasion, moisture and heat. Airport lighting cable is mainly used for series lighting circuits for runways, control systems and other multifunctional installations. It can be used in direct burial, conduit or ducting.

Maximum Conductor Temperature

- Normal operating temperature: +90° C
- Emergency operating temperature: +130° C
- Short circuit temperature: 250° C

Notes

- We can produce on request, several other cable options and configurations. Innovcable reserves the right to change this catalogue without prior notice.



Size mm ² /AWG	Conductor		Insulation		Sheath		Approx. Weight	Maximum Conductor DC Resistance 20°C Ω/km
	Structure No.	Approx.OD. mm	Nominal Thickness mm	Approx.OD. mm	Nominal Thickness mm	Approx.OD. mm	CU kg/km	
1×6 mm ²	7/19	3.12	2.3	7.72	1.2	11	180	3.08
1×8AWG	7/19	3.69	2.3	8.29	0.76	14.3	298	2.144
1×6AWG	7/19	4.68	2.3	9.28	0.76	15.4	366	1.348
1×4AWG	7/19	5.88	2.3	10.48	1.14	17	513	0.8481

